



An excavator removes sediment from a failed crossing, restoring the natural water drainage pattern.

Purpose

The purpose of this project is to make improvements to the upper Antelope Creek Watershed through restoration projects, improved forest management, and expanded outreach.

Project Goals

- Implement 34 restoration projects focusing on stabilization, restoration, and maintenance of ecological processes.
- Expand technology transfer/educational outreach to partners and watershed stakeholders.

Award Amount
\$673,200

Watershed
Antelope Creek Watershed

County
Tehama County

CALFED Region
Sacramento Valley Region

Legislative Districts
US Congress: 4
State Assembly: 3
State Senate: 1

Benefits to the CALFED Program

Antelope Creek is an eastside tributary to the Sacramento River and home to a number of important species, including anadromous fish. The Ecosystem Restoration Program Plan states that improved forest management in the Antelope Creek Watershed would protect riparian habitats and streamflows and help to prevent excessive sediment from being washed into the creek. This project addresses those concerns and improves forest management. It helps to achieve the goals of the CALFED Program through stabilizing and restoring riparian habitat, wetlands, and natural stream morphology, as well as aiding in the recovery of at-risk species. This project also encourages a greater understanding of ecological processes and links these projects to public education and the ongoing restoration efforts of other landowners.

Project Overview

Antelope Creek is an east side tributary to the Sacramento River that supports anadromous fish species, and is located within the Ecosystem Restoration Program's Butte Basin Ecological Management Zone. The creek historically supported fall- and spring-run Chinook salmon and steelhead trout. However, population estimates have declined significantly in recent years.

This project includes two primary elements. The first element is to implement 34 prioritized restoration projects in the upper Antelope Creek Watershed. The restoration activities focus on the stabilization, restoration, and maintenance of ecological processes and are designed to allow for adaptive management. This element includes the implementation of extensive erosion and sediment control projects and improved forest management designed to reduce source sediment production and produce more natural patterns of runoff. These actions will promote and maintain important ecological processes and functions. These activities will also protect and improve aquatic habitats by reducing sediment production through a variety of treatments. The restoration projects also include restoring wetlands and riparian areas through decommissioning roads, restoring natural stream morphology, and improving fish passage by upgrading culverts or replacing them.

The second element of this project works to expand public education and outreach. Public education and understanding of watershed restoration practices will increase the support for continued restoration work. This element will also expand the transfer and sharing of data and information with interested partners.



The campground education/patrol crew is responsible for teaching watershed stewardship principles and fishing regulations to campers and fishermen.

Contact Information

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